

PATENT

ASSIGNMENT

We, **YAMAGUCHI, Yoko**, having a residence address at 27-17, Ushijima, Kaiseimachi, Ashigarakami-gun, Kanagawa 258-0022 Japan, a citizen of Japan, and

**IGARASHI, Rie**, having a residence address at 8-2, Minamiikuta 5-chome, Tama-ku, Kawasaki-shi, Kanagawa 214-0036 Japan, a citizen of Japan, and

**MIZUSHIMA, Yutaka**, having a residence address at 12-3-2402, Roppongi 6-chome, Minato-ku, Tokyo 106-0032 Japan, a citizen of Japan, and

**TAKENAGA, Mitsuko**, having a residence address at 30-1, Sugao 2-chome, Miyamae-ku, Kawasaki-shi, Kanagawa 216-0015 Japan, a citizen of Japan, and

**NAKAMURA, Natsumi**, having a residence address at 1-5-111, Tsuchihashi 7-chome, Miyamae-ku, Kawasaki-shi, Kanagawa 216-0005 Japan, a citizen of Japan,

for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign jointly to

**LTT Bio-Pharma Co., Ltd.** (assignee), a corporation of Japan, having a place of business at 5-1, Atago 2-chome, Minato-ku, Tokyo 105-6201 Japan,

their successors, assigns and legal representatives, the entire right, title and interest in the United States and throughout the world in and to all subject matter invented by us and disclosed in the U.S. patent application executed concurrently with this assignment, entitled METHOD FOR ADJUSTING PARTICLE SIZE OF RETINOIC ACID NANOPARTICLES COATED WITH INORGANIC SALT OF POLYVALENT METAL, AND THE NANOPARTICLES PRODUCED BY THE SAME METHOD which is the U.S. national patent application, based on International Application No. PCT/JP2003/013180, filed October 15, 2003, and in and to all applications for Letters Patent, Letters Patent and all Convention and Treaty rights of all kinds, in the United States and all other countries throughout the world, for all such subject matter, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said assignee. We, for

PATENT

ourselves and our legal representative, heirs and assigns, agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patents on said inventions and all assignments thereof to October 15, 2003 or their assigns, to communicate to assignees or their representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignees, their successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications and patent to be borne and paid by assignee.

Executed: April 12, 2006

YAMAGUCHI, Yoko

Executed: April 12, 2006

IGARASHI, Rie

Executed: April 12, 2006

MIZUSHIMA, Yutaka

Executed: April 12, 2006

TAKENAGA, Mitsuko

Executed: April 12, 2006

NAKAMURA, Natsumi